NEMSIS Reporting Plan

- **Identify the reports needed as a State and National level.**

    - **Data Quality Report**: So the user may evaluate the quality of agency-level or state data submitted to NED.

    - **Demographic Reports**: These reports will allow the user access to basic, descriptive counts.

    - **Elapsed Time Reports**: These reports will provide information about EMS times (response, on-scene, transport, etc.).

    - **Medical and Trauma Reports**: These reports characterize the physiologic stability and medical condition of patients encountered by EMS.

    - **Disposition Reports**: These reports will describe the type of EMS incidents and the disposition of the calls.

    - **Agency Reports**: These reports will provide information about aid given by EMS agencies during an incident.

    - **Cardiac Arrest Reports**: These reports will characterize patients presenting with (or experiencing a) cardiac arrest during EMS care.

    - **Financial Aspects Reports**: These reports will describe payment source and service level offered by EMS for each response.

    - **Delay Reports:** These reports focus on the type and length of treatment delays experienced by EMS personnel.

    - **Ad-hoc Reports**: This category of reports will focus on "special requests" that deal with the remaining National data points. For example, a user may request a breakdown of the different types of software used to provide data to the NED.

- **Develop a robust data warehouse and data marts to serve primarily for analysis and reporting services.**

- **Develop data cubes to facilitate analysis of data and to query multi-dimensional data models with a rapid execution time.**

  Microsoft Analysis Services will be our primary environment to develop and host data cubes.

  - **NEMSIS data cubes**: They will allow the user to "slice and dice" the EMS information in many different ways.

- **Develop data models mainly for EMS Data Managers**
  Data managers will be able to create ad-hoc reports using our data model engine.

  - **Some emphasis areas:**
    - Cardiac Arrest
    - Trauma

- **Develop and provide web-based dynamic reports in real-time.**

  - Microsoft Reporting Services will be our primary environment to develop and host reports.
  - Reports will be available on the web with minimum downtime.

- **Develop National Report Specifications included in all reports.**

  - Every National report will include a document with information regarding the specific characteristics of the report. The report specifications include a purpose, definition, required data elements, formulas, exclusions and limitations.